

Patent

Case No.: 51806US008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

WORTMAN, DAVID L.

Application No.:

10/051530

Group Art Unit:

2875

Filed:

January 22, 2002

Examiner:

Unknown

Title:

BACKLIGHT SYSTEM WITH MULTILAYER OPTICAL FILM

REFLECTOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

11-6-03 Date

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ned by: Kim Elfstrom

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. A copy of each cited reference is also enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

This Information Disclosure Statement is being mailed after receipt of a first Office Action on the merits, but prior to the mailing of a Notice of Allowance under 37 CFR § 1.311. Please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p) to Deposit Account No. 13-3723, and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

Date

Stephen W. Buckingham, Reg. No.: 30,035

Telephone No.: (651) 733-3379

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NOTION (Use as many sheets as necessary)

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			U.S. Patent	Documents	
Exam. Init.*	Cite No.	Document Number Doc Number-(Kind Code if Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	A1	US- RE34,605	05/10/94	Schrenk et al.	rigures Appeal
	A2	US- 1610423	12/14/26	Cawley	
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	A5	US- 3213753	10/26/65	Rogers	E C
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	A9	US- 3711176	01/16/73	Alfrey, Jr. et al.	
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US- 4678285

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	A57	US- 5269995	12/14/93	Ramanathan et al.	
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	A85	US- 5629055	05/13/97	Revol et al.	
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	1113	US- 6049419	4-11-00		Figures Appear
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Exam.	Cite	For	eign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Translation
Init.*	No.	Ctry. Code	Number-KindCode (If known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	(Check if yes)
	B1	CA	1327286	03/01/94			X
	B2	СН	218041	12/21/93			Х
	В3	GE	4121861	01/16/92			Х
	B4	EPO	056843	08/04/82			Х
	B5	EPO	062751	10/20/81			Х
	В6	EPO	469732	02/05/92		150	Х
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	B8	EPO	552725	07/28/93		1	$\exists x \exists$
	B9	EPO	573905	12/15/93		-	ъх <u>П</u>
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	B12	EPO	606940	07/20/94		(C)	X
	B13	UK	2052779	01/28/81		()	Х
	B14	JAP	4-141603	05/15/92			Х
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	B16	JAP	63-181201	07/26/88	1, 1, 1		Х
	B17	JAP	4-184429	07/01/92			Х
	B18	JAP	5-288910	11/05/93			X
	B19	JAP	6-11607	01/21/94			X

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	B23	WO	95/17303	06/29/95	PCT		X
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	B26	wo	95/17699	06/29/95	PCT		Х
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	B31	wo	99/36477	07/22/99	PCT	100	
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Schrenk et al., Nanolayer polymeric optical films, Tappi Journal, pp. 169-174, June 1992
	C2	Schrenk, W. et al., "Coextruded Elastomeric Optical Interference Film", SPE Annual Technical Conference, Atlanta, GA, pp. 1703-1707 (1988).
	C3	Schrenk et al., "Coextruded Infared Reflecting Films", 7 th Annual Meeting Polymer Processing Society, Hamilton, Ontario, Canada, pp. 222-223 (April 1991).
	C4	Schrenk et al., "Coextruded Iridescent Film", TAPPI 1976 Paper Synthetics Conf., Atlanta, GA, pp.141-145 (September 27-29, 1976).
	C5	Im, J. et al., "Coextruded Microlayer Film and Sheet", Journal of Plastic Film and Sheeting, Vol. 4, pp. 104-115 (April, 1988).
	C6	Schrenk et al., "Coextruded Multilayer Polymer Films and Sheet", Polymer Blends, Vol. 2, Ch. 15, pp. 129-165, Academic Press, Inc. (1978).
	C7	Hodgkinson, I. Et al., "Effective Principal Refractive Indices and Column Angles for Periodic Stacks of Thin Birefringement Films", J. Opt, Soc. Am. A, Vol. 10, No. 9, pp. 2065-2071 (1993).

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	C11	Alfrey, Jr. et al., "Physical Optics of Iridescent Multilayered Plastic Films", Polymer Engineering and Science, Vol. 9, No. 6, pp. 400-404 (November 1969).
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,	C16	Zang, D. Y., "Giant anisotropies in the dielectric properties of quasi-epitaxial crystalline organic semiconductor thin films, 1991 American Institute of Physics, Appl. Physics, Lett. 59, August 12, 1991, Pages 823-825.
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